



1645

Attorney Docket Number 2000.605 US

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JACOBS ET AL

Serial No.: 10/034,500

Group Art Unit: 1645

Filed: December 20, 2001

Examiner: Baskar

For: LAWSONIA INTRACELLULARIS VACCINE

#12

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INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.97(b)

Assistant Commissioner of Patents  
Washington, D.C. 20231

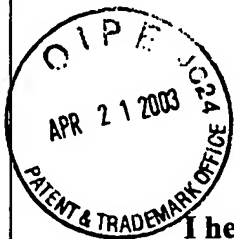
April 18, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. Copies of the cited references or their abstracts are enclosed. For those references for which only abstracts are provided, copies of the references will be submitted under separate cover as soon as they are received. The Examiner's attention is also directed to USSN 09/677,108 relating to Lawsonia vaccines.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this



## Certificate of Mailing Under 37 CFR 1.8

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USSN 10/034,500  
Jacobs et al

Postcard  
IDS (2 pages)  
PTO 1449 (1 page)  
Cited References



INFORMATION DISCLOSURE CITATION  PTO-1449	Attorney Docket No.	Serial No.
	2000.605 US	10/034,500
	Applicant Jacobs et al	
	Filing Date	Group
	December 20, 2001	1645

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### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
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	AC	5,610,059	3/11/1997	Joens et al			
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### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Translation
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	AT	HERRICK, J.B.: "Large Anim. Pract." vol. 19, (1998) no. 6, 15
	AU	LAWSON, G.H. ET AL: "Vet. Rec." vol. 107, (1980) no. 18, 424-425
	AV	HOLYOAKE, P.K., ET AL: "J. Clin. Microbiol." vol. 32, (1994) no. 8, 1980-1985
Examiner		Date Considered